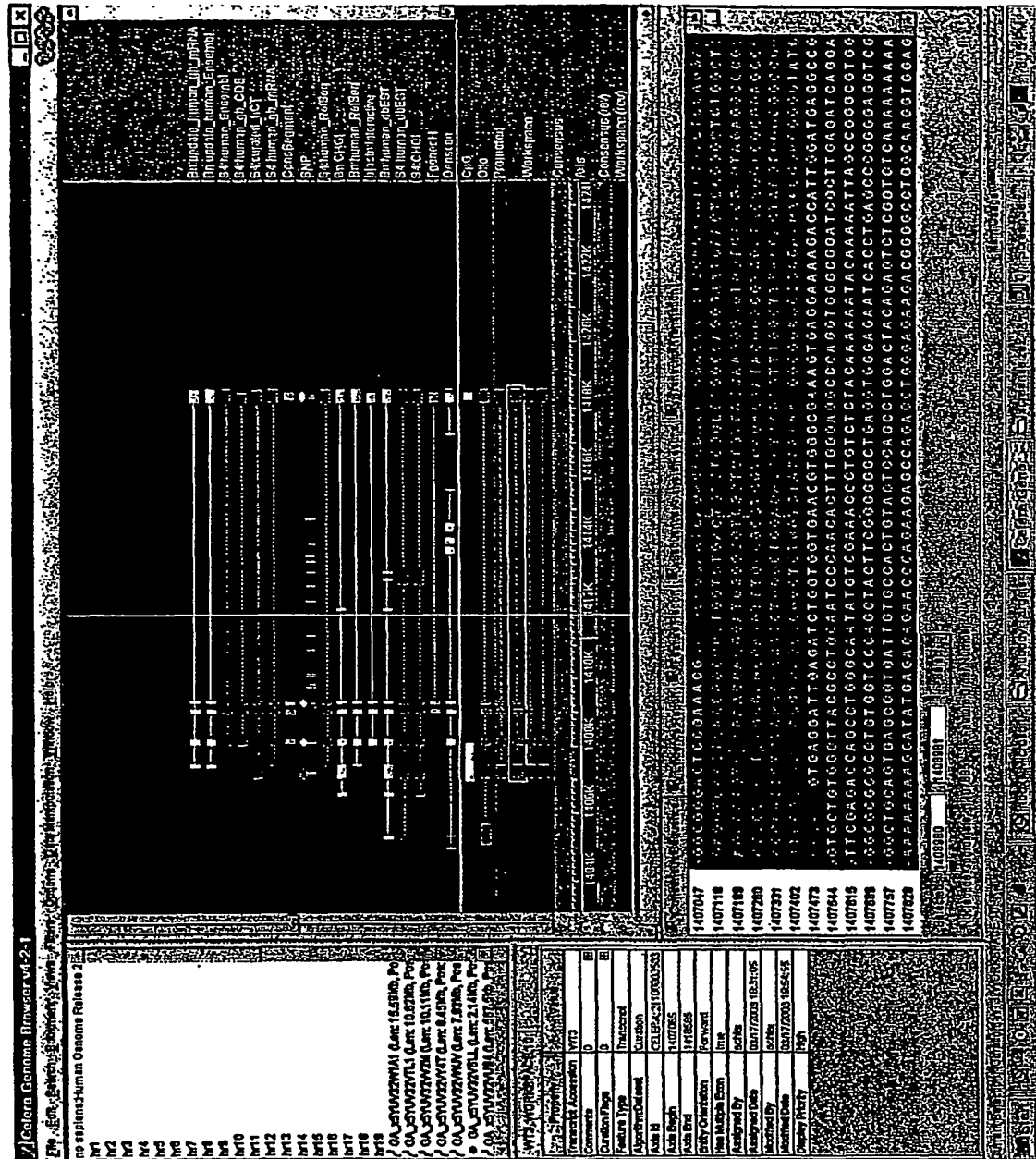


—
G
—
L



transcript alignment for novel isoforms of DKK1

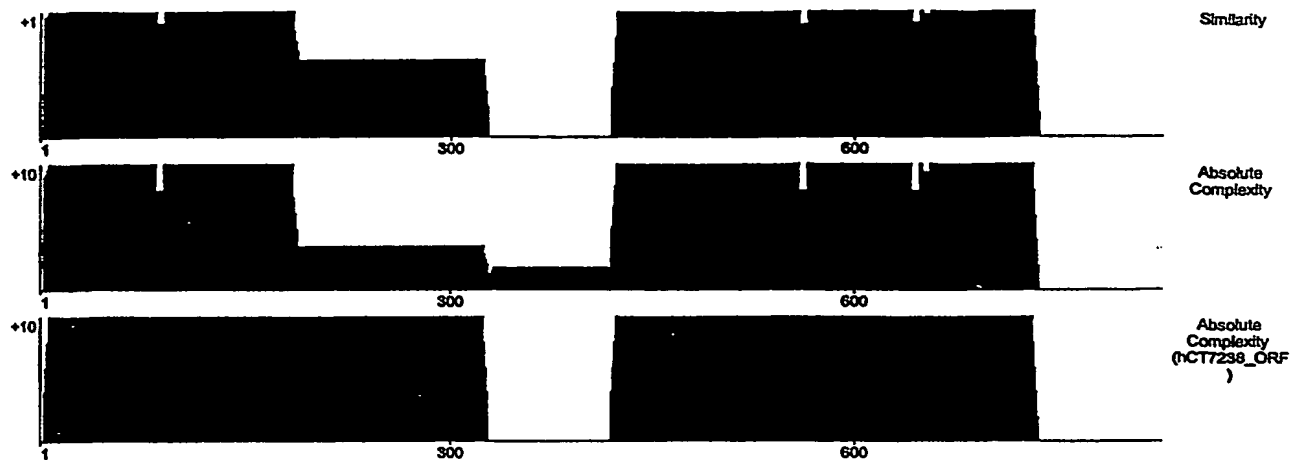


FIG. 2

transcript alignment for novel isoforms of DKKL1

										Section 1	

Section 4

Section 5

– Section 6

	(321)	321	330	340	350	360	370	384
hCT7238 ORF	(317)	AGGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
sars0379-stop	(321)	ATGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
clone-379-R6	(321)	ATGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
clone-379-R7	(321)	ATGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
clone-379-R3	(321)	ATGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
clone-379-RS2	(321)	ATGACCGACAACAAGACAGGAGAGGGTGCTGATCTCCGAGAATGTGGTGGCATCCAT						
clone-379-R8	(321)	G-----						
clone-379-RS3	(321)	G-----						
clone-379 R4	(189)	-----						
clone-379-R5	(189)	-----						
clone-379-R2	(189)	-----						
clone-379-RS7	(189)	-----						
clone-379-RS4	(189)	-----						

FIG. 3B

transcript alignment for novel isoforms of DKKL1

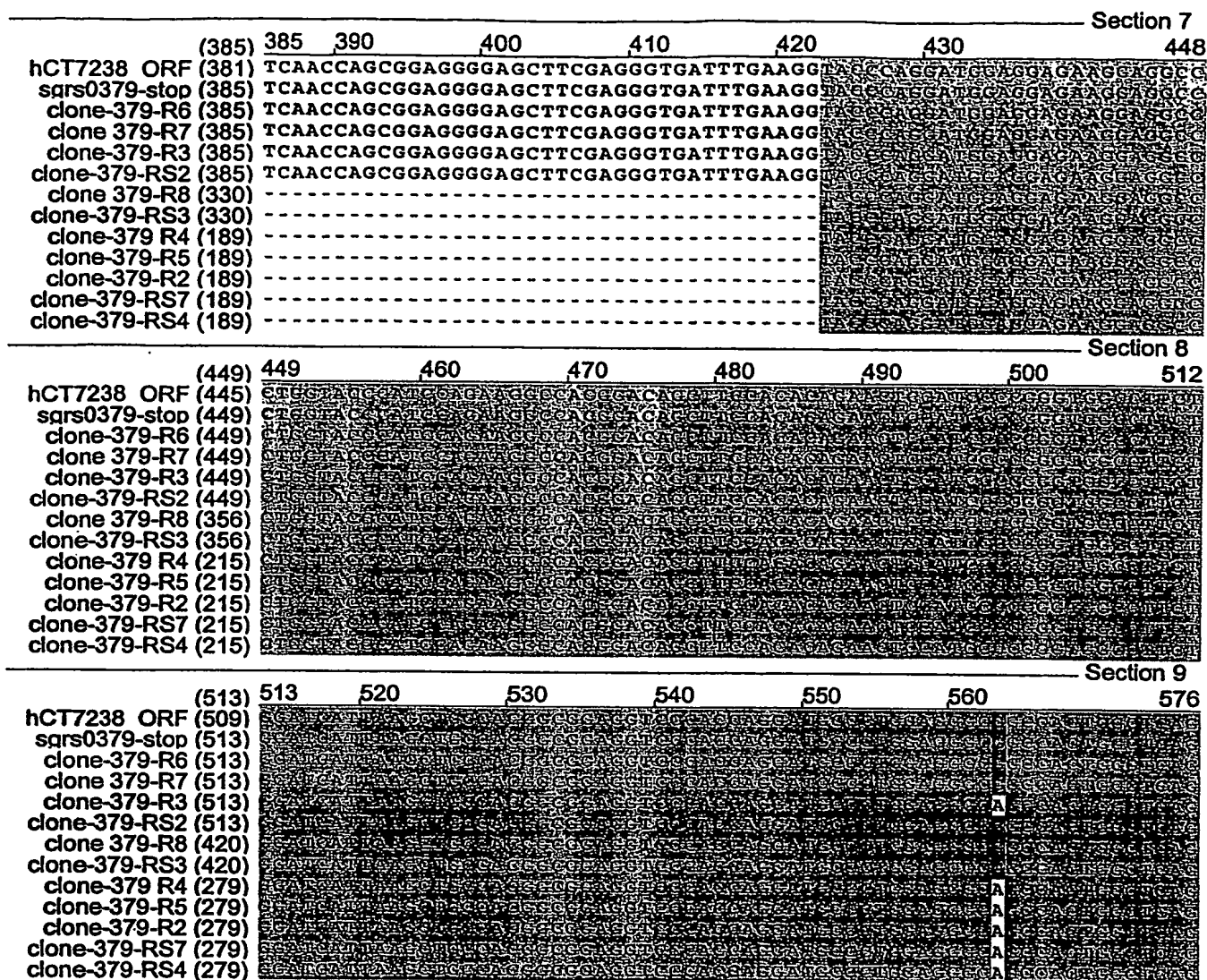


FIG. 3C

[illegible]

FIG. 3D

transcript alignment for novel isoforms of DKKL1

Section 13

	(769)	769	780	790	800	810	823
hCT7238 ORF (765)		ATCAGACCCTGCCCCAAGCACCATATGGAAATAAAGTTCTTTCTTACATCTAACA					
sars0379-stop (734)		-----					
clone-379-R6 (734)		-----					
clone-379-R7 (734)		-----					
clone-379-R3 (734)		-----					
clone-379-RS2 (734)		-----					
clone-379-R8 (641)		-----					
clone-379-RS3 (641)		-----					
clone-379-R4 (500)		-----					
clone-379-R5 (500)		-----					
clone-379-R2 (500)		-----					
clone-379-RS7 (500)		-----					
clone-379-RS4 (500)		-----					

FIG. 3E

protein alignment for novel isoforms of DKKL1

		Section 1			
		(1)	10	20	30 48
hCP35274.2	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of DKKL1-pending chris	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R6	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R7	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R3	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS2	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R8	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS3	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379 R4	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R5	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R2	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS7	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS4	(1)	MGEASPPAPARRHLLVLLLEELSTLVPS			
		Section 2			
		(49)	49	60	70 80 96
hCP35274.2	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of DKKL1-pending chris	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R6	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R7	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R3	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS2	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R8	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS3	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379 R4	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R5	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R2	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS7	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS4	(49)	MGEASPPAPARRHLLVLLLEELSTLVPS			
		Section 3			
		(97)	97	110	120 130 144
hCP35274.2	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of DKKL1-pending chris	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R6	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R7	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R3	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS2	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone 379-R8	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS3	(97)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379 R4	(62)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R5	(62)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-R2	(62)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS7	(62)	MGEASPPAPARRHLLVLLLEELSTLVPS			
Translation of clone-379-RS4	(62)	MGEASPPAPARRHLLVLLLEELSTLVPS			

FIG. 4A

protein alignment for novel isoforms of DKKL1

		Section 4						
		(145)	145	150	160	170	180 192	
hCP35274.2 (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of DKKL1-pending chris (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R6 (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R7 (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R3 (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS2 (145)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R8 (114)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS3 (114)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379 R4 (67)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R5 (67)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R2 (67)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS7 (67)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS4 (67)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
		Section 5						
		(193)	193	200	210	220	230 240	
hCP35274.2 (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of DKKL1-pending chris (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R6 (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R7 (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R3 (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS2 (193)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone 379-R8 (162)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS3 (162)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379 R4 (115)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R5 (115)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-R2 (115)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS7 (115)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
Translation of clone-379-RS4 (115)			EKEALVPIQKATDSFHTLHPRVAFWIKLPRRSHODALEGSHVLSF					
		Section 6						
		(241)	241					
hCP35274.2 (241)								
Translation of DKKL1-pending chris (241)								
Translation of clone 379-R6 (241)								
Translation of clone 379-R7 (241)								
Translation of clone-379-R3 (241)								
Translation of clone-379-RS2 (241)								
Translation of clone 379-R8 (210)								
Translation of clone-379-RS3 (210)								
Translation of clone-379 R4 (163)								
Translation of clone-379-R5 (163)								
Translation of clone-379-R2 (163)								
Translation of clone-379-RS7 (163)								
Translation of clone-379-RS4 (163)								

FIG. 4B